

# FLEX-Standard

## TLF020-21 / TLF025-21



### DESCRIPTION

FLEX(EN-TLF series, Standard version) is a slim cylinder in foldable design LED track light that will fit smoothly into any retail and gallery environments. The front deep ring can bring a good light comfort. The head can be adjusted precisely 360°+ horizontal(rotation) and 90° vertical without dead angle. The light, as a result, is emitted exactly where you need it. Support track mount and surface mount.

### FEATURES

- A sleek & elegant cylinder in foldable design, concise but not simple.
- Light efficiency is up to 100lm/W.
- Interchangeable lens: 15°/24°/38°/55°.
- Private-design joints can hold the track head at any positions without malfunctions.
- Smart magnet can make fixture base and driver box seamless connected.
- 360°+ rotation without dead angle and 90° vertical aiming.

### ELECTRICAL

Power:	20W / 25W
Voltage:	220-240V / 100-277V AC
Frequency:	50/60Hz
Class:	II
Power Factor:	>0.90
Dimming:	On-off / TRIAC / DALI

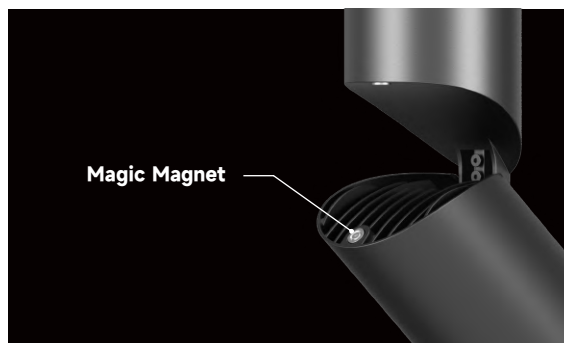
### OPTICAL

LED Type:	COB
Lumen Output:	1995lm(20W), 2349lm(25W)
Beam Optic:	Narrow Spot (15°) / Spot (24°,38°) / Flood (55°)
Color Quality:	CRI 80+/90+, SDCM≤3
Color Temperature:	Static white: 2700K/3000K/3500K/4000K
TM30 values:	Rf: 99-105 Rg: 88-92
LM80:	ANSI/IES LM-80-15

### LUMINAIRE

Location:	Indoor
Installation Methods:	Track-mounted / Surface-mounted
IP Rating:	IP20
Adjustability:	0°-90° tiltable, 360°+ rotatable
Luminaire Color:	RAL9005 Black / RAL9016 White / Custom Finish*(Consult Factory)
Material:	Die-cast aluminum
Operating Temperature:	-20°C~40°C
Lifespan:	> 50000h@80%(L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 40°C

### DETAILS





Type:

Project:

**ORDERING INFORMATION**

TLF								
SERIES	POWER	INSTALLATION	HOUSING COLOR	TRACK TYPE	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> <b>TLF</b> FLEX	<input type="checkbox"/> <b>020</b> 20W	<input type="checkbox"/> <b>21</b> Track	<input type="checkbox"/> <b>W</b> RAL9016 White	<input type="checkbox"/> <b>J</b> 2-pin Juno	<input type="checkbox"/> <b>8</b> 80+	<input type="checkbox"/> <b>27</b> 2700K	<input type="checkbox"/> <b>015</b> Narrow Spot 15°	<input type="checkbox"/> <b>T</b> Triac
	<input type="checkbox"/> <b>025</b> 25W	<input type="checkbox"/> <b>22</b> Surface	<input type="checkbox"/> <b>B</b> RAL9005 Black	<input type="checkbox"/> <b>L</b> 2-pin Lightolier	<input type="checkbox"/> <b>9</b> 90+	<input type="checkbox"/> <b>30</b> 3000K	<input type="checkbox"/> <b>024</b> Spot 24°	<input type="checkbox"/> <b>D</b> DALI
			<input type="checkbox"/> <b>C</b> Custom Finish *(Consult Factory)	<input type="checkbox"/> <b>H</b> 3-pin Halo		<input type="checkbox"/> <b>35</b> 3500K	<input type="checkbox"/> <b>038</b> Spot 38°	<input type="checkbox"/> <b>N</b> Non-dimming
				<input type="checkbox"/> <b>G</b> 4-pin Global		<input type="checkbox"/> <b>40</b> 4000K	<input type="checkbox"/> <b>055</b> Flood 55°	
				<input type="checkbox"/> <b>S</b> 4-pin Standard				



Type:

Project:

**PHOTOMETRIC DATA (NON-DIMMING)**

LUMEN PACKAGE	POWER	CCT	15°			24°			38°			55°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
TLF020-21	20W	3000K	1478	76	17881	1881	99	7142	1995	105	4738	1944	103	2358
TLF025-21	25W	3000K	1707	73	20623	2208	97	8421	2349	103	5504	2267	100	2754

**LUMEN MULTIPLIERS**

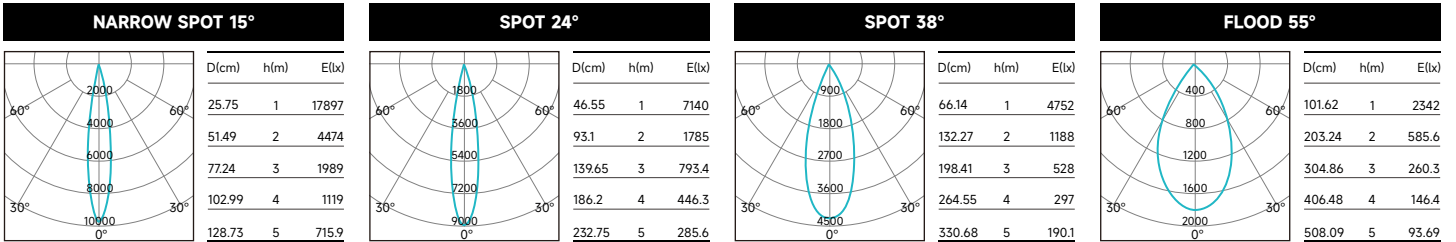
CCT	MULTIPLIER
2700K	0.93
3000K	1.00
3500K	1.07
4000K	1.15

**Applying Lumen Multipliers to Calculate Delivered Lumens**

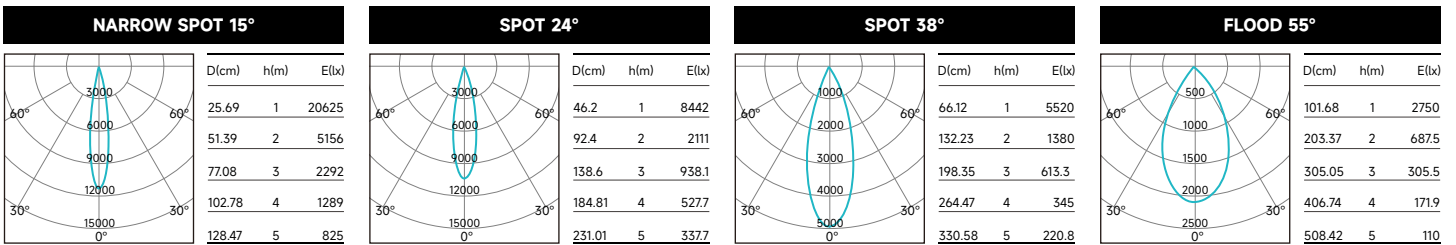
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
<b>STANDARD TRIM Example: TLF020-21 20W 3500K</b>				
1478 lm	x	1.07	=	1581 lm

**LIGHT DISTRIBUTION**

**3000K 20W**



**3000K 25W**

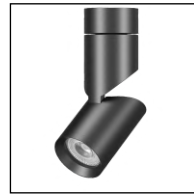
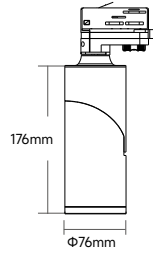


**DIMENSION**



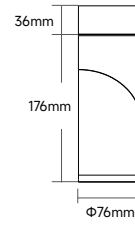
Track-mounted

TLF020-21  
TLF025-21



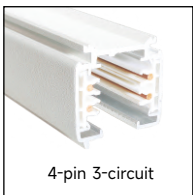
Surface-mounted

TLF020-22  
TLF025-22

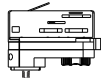


**INSTALLATION**

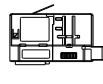
Track-mounted



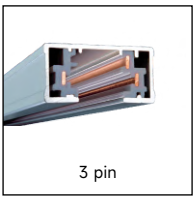
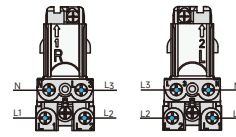
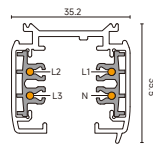
4-pin 3-circuit



Standard



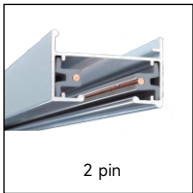
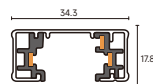
Global



3 pin



Halo



2 pin



Juno



Lightolier



### **FLEX TRACK LIGHT SYSTEM**

UNIQUE in its design, VERSATILE in its using!

A simple, elegant cylinder design with a jointed section that is both easy to adjust and firmly retains its setting, Flex Family Track Light always ready to put on a great performance no matter the applications.

In versions with different light solutions, Flex covers high performance accent lighting with different interchangeable beam lens and beam angle adjusting from a 12° narrow to a 55° wide.

Flex is a family with both track mounted and surface mounted spotlights with different light solutions. So, if you have an environment with different types of ceilings it will be possible to use the same spotlight family and get a unified impression.

### **DETAILS**



Scan to know more about product information